

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/010606

COPY

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D211/62 C07D401/04 C07D295/215 A61K31/445 A61K31/506  
A61K31/495 A61K31/496 A61P13/00 A61P29/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, BEILSTEIN Data, CHEM ABS Data, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 11, 5 November 2003 (2003-11-05) & JP 2003 192673 A (BAYER AG), 9 July 2003 (2003-07-09) see claim 4 definition of R2 of english translation and example 3 and Table 3 abstract	1-19
P, Y	WO 2004/052845 A (BAYER HEALTHCARE AG ; FUJISHIMA HIROSHI (JP); YAMAMOTO NORIYUKI (JP);) 24 June 2004 (2004-06-24) the whole document ----- -/--	1-19

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

22 December 2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03/022809 A (RAMI HARSHAD KANTILAL ; WYMAN PAUL ADRIAN (GB); THOMPSON MERVYN (GB);) 20 March 2003 (2003-03-20) cited in the application the whole document	1-19
Y	WO 03/068749 A (MITCHELL DARREN JASON ; RAMI HARSHAD KANTILAL (GB); GLAXO GROUP LTD (G) 21 August 2003 (2003-08-21) cited in the application see general formula, formula 1A page 8, page 6, lines 11-13 and examples 49-51, 40-43	1-19
A	WO 03/014064 A (BAYER AG ; FREITAG JOACHIM (DE); MEIER HEINRICH (DE); LOWINGER TIMOTHY) 20 February 2003 (2003-02-20) cited in the application see especially the examples	1-19
Y	WO 02/08221 A (BAKTHAVATCHALAM RAJAGOPAL ; DESIMONE ROBERT W (US); NEUROGEN CORP (US)) 31 January 2002 (2002-01-31) see general formula, and especially page 43, lines 16 and 17	1-19

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2003192673	A	09-07-2003	NONE	
WO 2004052845	A	24-06-2004	WO 2004052845 A1	24-06-2004
WO 03022809	A	20-03-2003	BR 0212468 A CA 2458632 A1 EP 1425277 A2 WO 03022809 A2	19-10-2004 20-03-2003 09-06-2004 20-03-2003
WO 03068749	A	21-08-2003	EP 1480954 A1 WO 03068749 A1	01-12-2004 21-08-2003
WO 03014064	A	20-02-2003	JP 2003055209 A CA 2455754 A1 WO 03014064 A1 EP 1414788 A1	26-02-2003 20-02-2003 20-02-2003 06-05-2004
WO 0208221	A	31-01-2002	AU 8066701 A BR 0112631 A CA 2415606 A1 CN 1443170 T EP 1301484 A2 JP 2004525071 T NZ 523526 A WO 0208221 A2 US 2004176443 A1 US 2002132853 A1	05-02-2002 23-09-2003 31-01-2002 17-09-2003 16-04-2003 19-08-2004 29-10-2004 31-01-2002 09-09-2004 19-09-2002